

# PATENTING BY ORGANIZATIONS

2000



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*A TECHNOLOGY ASSESSMENT AND FORECAST REPORT*

## **Patenting By Organizations 2000**

This report, prepared from the Technology Assessment and Forecast (TAF) database, profiles utility patents (i.e., patents for inventions) granted during **calendar year 2000**.

### **Part A1**

**Part A1** presents patent counts by origin, U.S. and foreign. Individual counts are also presented for each of the top 36 patenting countries. Patent origin is determined by the residence of the first-named inventor listed on a patent.

Patent ownership-category information reflects ownership at the time of patent grant and does not reflect subsequent changes in ownership. If more than one assignee (the entity, if any, to which the patent rights have been legally assigned) was declared at the time of grant, a patent is attributed to the ownership-category of the first-named assignee. The "U.S. Corporations" and "Foreign Corporations" ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While the "U.S. Government" ownership category includes only patents granted to the Federal Government, no such distinction is made for the "Foreign Government" ownership category. The "U.S. Individuals" and "Foreign Individuals" ownership categories include patents for which ownership was assigned to an individual as well as patents for which no assignment of ownership was made at the time of grant.

### **Part B1**

**Part B1** presents organizations that received 40 or more patents during the calendar year. Organizations are ranked based on their patent count. **Please note that because of the large number of organizations appearing in this report, the minimum number of annual patents received by a listed organization was raised from 30, for the 1997 report, to 40 for the 1998 and subsequent reports.**

Patent information included in **Part B1** of the report reflects patent ownership at the time of patent grant and does not reflect changes in ownership which may occur after the patent grant. Where more than one assignee exists, patents are attributed to the first-named assignee.

**No attempt has been made to combine data based on subsidiary relationships. However, where possible, spelling variations and variations based on name changes (e.g., ESSO to EXXON) have been merged into a single name. While every effort is made to accurately identify all organizational entities and report data by a single organizational name, achievement of a totally clean record is not expected, particularly in view of the many variations which may occur in corporate identifications.**

## **Patenting By The U.S. Government 2000**

In **calendar year 2000**, the U.S. Government received 921 utility patents.

Under the section labeled "Ownership", **Part A1** presents the total count of patents received by the U.S. Government during the calendar year. Each of the separate U.S. Government agencies receiving 40 or more patents during the calendar year is listed in **Part B1**.

**Part A1**

**(Patent Grants as Distributed By Year of Patent Grant)**

Number of Utility Patents Granted By Year Of Patent Grant  
 (Granted: Jan 01, 2000 - Dec 31, 2000)

<u>COUNTRY OF ORIGIN</u>	<u>2000</u>	<u>Total</u>
Total	157497	157497
U.S. Origin	85072	85072
Foreign Origin	72425	72425
JAPAN	31296	31296
GERMANY	10234	10234
TAIWAN	4667	4667
FRANCE	3819	3819
UNITED KINGDOM	3667	3667
CANADA	3419	3419
SOUTH KOREA	3314	3314
ITALY	1714	1714
SWEDEN	1577	1577
SWITZERLAND	1322	1322
NETHERLANDS	1241	1241
ISRAEL	783	783
AUSTRALIA	704	704
BELGIUM	694	694
FINLAND	618	618
AUSTRIA	505	505
DENMARK	436	436
SPAIN	270	270
NORWAY	248	248
SINGAPORE	218	218
RUSSIAN FEDERATION	183	183
CHINA,HONG KONG S.A.R	179	179
INDIA	131	131
IRELAND	123	123
CHINA P.REP.	119	119
SOUTH AFRICA	111	111
NEW ZEALAND	107	107
BRAZIL	98	98
MEXICO	76	76
ARGENTINA	54	54
MALAYSIA	42	42
LUXEMBOURG	40	40
HUNGARY	36	36
VENEZUELA	27	27
CZECH REPUBLIC	23	23
SAUDI ARABIA	19	19
Others ( 62 )	311	311
Ownership:		
U.S. Corporations	70894	70894
U.S. Government	921	921
U.S. Individuals	16129	16129
Foreign Corporations	63182	63182
Foreign Government	104	104
Foreign Individuals	6267	6267

Percent of Utility Patents Granted By Year Of Patent Grant  
 (Granted: Jan 01, 2000 - Dec 31, 2000)

<u>COUNTRY OF ORIGIN</u>	<u>2000</u>	<u>Total</u>
Total	100	100
U.S. Origin	54	54
Foreign Origin	46	46
JAPAN	20	20
GERMANY	6	6
TAIWAN	3	3
FRANCE	2	2
UNITED KINGDOM	2	2
CANADA	2	2
SOUTH KOREA	2	2
ITALY	1	1
SWEDEN	1	1
SWITZERLAND	1	1
NETHERLANDS	1	1
ISRAEL		0
AUSTRALIA		0
BELGIUM		0
FINLAND		0
AUSTRIA		0
DENMARK		0
SPAIN		0
NORWAY		0
SINGAPORE		0
RUSSIAN FEDERATION		0
CHINA,HONG KONG S.A.R		0
INDIA		0
IRELAND		0
CHINA P.REP.		0
SOUTH AFRICA		0
NEW ZEALAND		0
BRAZIL		0
MEXICO		0
ARGENTINA		0
MALAYSIA		0
LUXEMBOURG		0
HUNGARY		0
VENEZUELA		0
CZECH REPUBLIC		0
SAUDI ARABIA		0
Others ( 62 )		0
Ownership:		
U.S. Corporations	45	45
U.S. Government	1	1
U.S. Individuals	10	10
Foreign Corporations	40	40
Foreign Government		0
Foreign Individuals	4	4

**Part B1**

**(Ranked Listing of Organizations with  
Patent Grants Distributed By Year of Patent Grant)**

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
INTERNATIONAL BUSINESS MACHINES CORPORATION Patents By Year of Grant:	2886	2886
NEC CORPORATION Patents By Year of Grant:	2021	2021
CANON KABUSHIKI KAISHA Patents By Year of Grant:	1890	1890
SAMSUNG ELECTRONICS CO., LTD. Patents By Year of Grant:	1441	1441
LUCENT TECHNOLOGIES INC. Patents By Year of Grant:	1411	1411
SONY CORPORATION Patents By Year of Grant:	1385	1385
MICRON TECHNOLOGY, INC. Patents By Year of Grant:	1304	1304
TOSHIBA CORPORATION Patents By Year of Grant:	1232	1232
MOTOROLA, INC. Patents By Year of Grant:	1196	1196
FUJITSU LIMITED Patents By Year of Grant:	1147	1147
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Patents By Year of Grant:	1137	1137
ADVANCED MICRO DEVICES, INC. Patents By Year of Grant:	1053	1053
HITACHI, LTD Patents By Year of Grant:	1036	1036
mitsubishi denki kabushiki kaisha Patents By Year of Grant:	1010	1010
SIEMENS AKTIENGESELLSCHAFT Patents By Year of Grant:	912	912
HEWLETT-PACKARD COMPANY Patents By Year of Grant:	901	901
EASTMAN KODAK COMPANY Patents By Year of Grant:	875	875
INTEL CORPORATION Patents By Year of Grant:	795	795
GENERAL ELECTRIC COMPANY Patents By Year of Grant:	787	787
U.S. PHILIPS CORPORATION Patents By Year of Grant:	693	693
TEXAS INSTRUMENTS, INCORPORATED Patents By Year of Grant:	686	686
SHARP KABUSHIKI KAISHA (SHARP CORPORATION) Patents By Year of Grant:	586	586
XEROX CORPORATION Patents By Year of Grant:	569	569

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
ROBERT BOSCH GMBH Patents By Year of Grant:	546	546
FUJI PHOTO FILM CO., LTD Patents By Year of Grant:	542	542
BASF AKTIENGESELLSCHAFT Patents By Year of Grant:	507	507
PROCTER + GAMBLE COMPANY Patents By Year of Grant:	465	465
SUN MICROSYSTEMS, INC. Patents By Year of Grant:	465	465
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.) Patents By Year of Grant:	463	463
TELEFONAKTIEBOLAGET LM ERICSSON Patents By Year of Grant:	463	463
3M INNOVATIVE PROPERTIES COMPANY Patents By Year of Grant:	434	434
UNIVERSITY OF CALIFORNIA, THE REGENTS OF Patents By Year of Grant:	434	434
UNITED MICROELECTRONICS CORPORATION Patents By Year of Grant:	430	430
RICOH COMPANY, LTD. Patents By Year of Grant:	416	416
HON HAI PRECISION IND. CO., LTD. Patents By Year of Grant:	397	397
SEIKO EPSON CORPORATION Patents By Year of Grant:	396	396
NORTEL NETWORKS CORPORATION Patents By Year of Grant:	392	392
APPLIED MATERIALS, INC. Patents By Year of Grant:	386	386
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant:	385	385
DENSO CORPORATION Patents By Year of Grant:	369	369
UNITED STATES OF AMERICA, NAVY Patents By Year of Grant:	351	351
MICROSOFT CORPORATION Patents By Year of Grant:	344	344
TOYOTA JIDOSHA K.K. Patents By Year of Grant:	341	341
E. I. DU PONT DE NEMOURS AND COMPANY Patents By Year of Grant:	338	338
CATERPILLAR INC. Patents By Year of Grant:	334	334
MINOLTA CAMERA CO., LTD. Patents By Year of Grant:	333	333

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
LSI LOGIC CORPORATION Patents By Year of Grant:	325	325
DAIMLER CHRYSER AG Patents By Year of Grant:	322	322
COMPAQ COMPUTER CORPORATION, INC. Patents By Year of Grant:	315	315
ERICSSON, INC. Patents By Year of Grant:	312	312
BAYER AKTIENGESELLSCHAFT Patents By Year of Grant:	304	304
YAZAKI CORP. Patents By Year of Grant:	304	304
MURATA MANUFACTURING CO., LTD. Patents By Year of Grant:	302	302
AT&T CORP. Patents By Year of Grant:	294	294
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD. Patents By Year of Grant:	294	294
OLYMPUS OPTICAL CO., LTD. Patents By Year of Grant:	281	281
NIKON CORPORATION Patents By Year of Grant:	278	278
TRW INC. Patents By Year of Grant:	275	275
WHITAKER CORPORATION Patents By Year of Grant:	257	257
LG SEMICON CO., LTD. Patents By Year of Grant:	255	255
GENERAL MOTORS CORPORATION Patents By Year of Grant:	254	254
FORD GLOBAL TECHNOLOGIES, INC. Patents By Year of Grant:	253	253
NISSAN MOTOR COMPANY, LIMITED Patents By Year of Grant:	251	251
SANYO ELECTRIC CO., LTD. Patents By Year of Grant:	251	251
ALCATEL THOMSON FAISCEAUX HERTZIENS Patents By Year of Grant:	248	248
SEAGATE TECHNOLOGY, INCORPORATED Patents By Year of Grant:	235	235
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	233	233
MEDTRONIC INC. Patents By Year of Grant:	231	231
L'OREAL S.A. Patents By Year of Grant:	227	227

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
BROTHER KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	224	224
KIMBERLY-CLARK WORLDWIDE, INC. Patents By Year of Grant:	224	224
OKI ELECTRIC INDUSTRY CO., LTD. Patents By Year of Grant:	223	223
LG ELECTRONICS INC. Patents By Year of Grant:	220	220
RAYTHEON COMPANY Patents By Year of Grant:	205	205
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN Patents By Year of Grant:	198	198
EATON CORPORATION Patents By Year of Grant:	194	194
ALPS ELECTRIC CO., LTD. Patents By Year of Grant:	193	193
SMITHKLINE BEECHAM CORPORATION Patents By Year of Grant:	193	193
FUJI XEROX CO., LTD. Patents By Year of Grant:	192	192
NATIONAL SEMICONDUCTOR CORPORATION Patents By Year of Grant:	187	187
ALLIED-SIGNAL INC. Patents By Year of Grant:	183	183
HUGHES ELECTRONICS CORP. Patents By Year of Grant:	183	183
MERCK + CO., INC. Patents By Year of Grant:	182	182
TOKYO ELECTRON LIMITED Patents By Year of Grant:	179	179
LOCKHEED MARTIN CORPORATION Patents By Year of Grant:	175	175
AGFA-GEVAERT N.V. Patents By Year of Grant:	174	174
NOKIA MOBILE PHONES LTD. Patents By Year of Grant:	169	169
ITT MANUFACTURING ENTERPRISES, INC. Patents By Year of Grant:	166	166
ELI LILLY AND COMPANY Patents By Year of Grant:	161	161
INSTITUT FRANCAIS DU PETROLE Patents By Year of Grant:	160	160
TDK CORPORATION Patents By Year of Grant:	160	160
CIBA SPECIALTY CHEMICALS CORPORATION Patents By Year of Grant:	158	158

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
3COM CORPORATION		
Patents By Year of Grant:	155	155
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.		
Patents By Year of Grant:	155	155
SUMITOMO WIRING SYSTEMS, LTD.		
Patents By Year of Grant:	154	154
PFIZER INC.		
Patents By Year of Grant:	153	153
KONICA CORPORATION		
Patents By Year of Grant:	152	152
MICRON ELECTRONICS, INC.		
Patents By Year of Grant:	152	152
CHRYSLER MOTORS CORPORATION		
Patents By Year of Grant:	149	149
MITSUBISHI HEAVY INDUSTRIES CO., LTD.		
Patents By Year of Grant:	149	149
SUMITOMO CHEMICAL COMPANY, LIMITED		
Patents By Year of Grant:	149	149
INCYTE PHARMACEUTICALS, INC.		
Patents By Year of Grant:	147	147
SCI-MED LIFE SYSTEMS, INC.		
Patents By Year of Grant:	147	147
DAIMLERCHRYSLER CORPORATION		
Patents By Year of Grant:	146	146
STMICROELECTRONICS S.R.L.		
Patents By Year of Grant:	144	144
PHILIPS ELECTRONICS NORTH AMERICA CORP.		
Patents By Year of Grant:	142	142
UNITED STATES OF AMERICA, ARMY		
Patents By Year of Grant:	142	142
YAMAHA CORPORATION		
Patents By Year of Grant:	141	141
HALLIBURTON ENERGY SERVICES		
Patents By Year of Grant:	140	140
NOVO NORDISK A/S		
Patents By Year of Grant:	140	140
ILLINOIS TOOL WORKS INC.		
Patents By Year of Grant:	138	138
NCR CORPORATION		
Patents By Year of Grant:	138	138
BOEING COMPANY		
Patents By Year of Grant:	136	136
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.		
Patents By Year of Grant:	136	136
VLSI TECHNOLOGY, INC.		
Patents By Year of Grant:	134	134

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
BAKER HUGHES INCORPORATED Patents By Year of Grant:	133	133
DOW CHEMICAL COMPANY Patents By Year of Grant:	133	133
SHELL OIL COMPANY Patents By Year of Grant:	132	132
VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION Patents By Year of Grant:	131	131
NORTHROP GRUMMAN CORPORATION Patents By Year of Grant:	130	130
PIONEER ELECTRONIC CORPORATION Patents By Year of Grant:	130	130
ABBOTT LABORATORIES Patents By Year of Grant:	128	128
BAYER CORPORATION Patents By Year of Grant:	126	126
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Patents By Year of Grant:	124	124
AGILENT TECHNOLOGIES, INC. Patents By Year of Grant:	122	122
HEIDELBERGER DRUCKMASCHINEN AG Patents By Year of Grant:	122	122
SCHLUMBERGER TECHNOLOGY CORPORATION Patents By Year of Grant:	122	122
DAEWOO ELECTRONICS COMPANY, LTD. Patents By Year of Grant:	120	120
LEXMARK INTERNATIONAL, INC. Patents By Year of Grant:	118	118
UNITED TECHNOLOGIES CORPORATION Patents By Year of Grant:	118	118
EASTMAN CHEMICAL COMPANY Patents By Year of Grant:	117	117
ROHM COMPANY LIMITED Patents By Year of Grant:	116	116
NGK INSULATORS LTD. Patents By Year of Grant:	115	115
WINBOND ELECTRONICS CORP. Patents By Year of Grant:	115	115
XILINX, INC. Patents By Year of Grant:	115	115
FUJI PHOTO OPTICAL CO. LTD. Patents By Year of Grant:	114	114
ISIS PHARMACEUTICALS, INC. Patents By Year of Grant:	114	114
NOKIA TELECOMMUNICATIONS OY Patents By Year of Grant:	114	114

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
CYPRESS SEMICONDUCTOR CORP. Patents By Year of Grant:	113	113
MASSACHUSETTS INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	113	113
PHILLIPS PETROLEUM COMPANY Patents By Year of Grant:	113	113
PIONEER HI-BRED INTERNATIONAL, INC. Patents By Year of Grant:	112	112
CORNING INCORPORATED Patents By Year of Grant:	111	111
SHIN ETSU CHEMICAL CO., LTD. Patents By Year of Grant:	111	111
STMICROELECTRONICS, INC. Patents By Year of Grant:	111	111
AISIN SEIKI KABUSHIKI KAISHA Patents By Year of Grant:	110	110
BRISTOL-MYERS SQUIBB COMPANY Patents By Year of Grant:	110	110
EXXON CHEMICALS PATENTS INC. Patents By Year of Grant:	110	110
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA Patents By Year of Grant:	110	110
MOLEX INCORPORATED Patents By Year of Grant:	107	107
BRIDGESTONE CORPORATION Patents By Year of Grant:	106	106
DAI NIPPON PRINTING CO. LTD Patents By Year of Grant:	105	105
AIR PRODUCTS AND CHEMICALS, INC. Patents By Year of Grant:	104	104
UOP Patents By Year of Grant:	104	104
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD. Patents By Year of Grant:	104	104
CALIFORNIA INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	103	103
STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF Patents By Year of Grant:	103	103
CISCO TECHNOLOGY, INC. Patents By Year of Grant:	102	102
DANA CORPORATION Patents By Year of Grant:	102	102
FORD MOTOR COMPANY Patents By Year of Grant:	102	102
EXXON RESEARCH + ENGINEERING CO. Patents By Year of Grant:	101	101

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
GOODYEAR TIRE + RUBBER COMPANY Patents By Year of Grant:	101	101
HONEYWELL INC. Patents By Year of Grant:	101	101
CIRRUS LOGIC, INC. Patents By Year of Grant:	100	100
QUALCOMM, INC. Patents By Year of Grant:	100	100
CARRIER CORPORATION Patents By Year of Grant:	99	99
ZENECA LIMITED Patents By Year of Grant:	99	99
AKZO NOBEL NV Patents By Year of Grant:	98	98
MITSUI CHEMICALS, INCORPORATED Patents By Year of Grant:	98	98
BECTON, DICKINSON AND COMPANY Patents By Year of Grant:	97	97
UNISYS CORPORATION Patents By Year of Grant:	97	97
ALTERA CORPORATION Patents By Year of Grant:	96	96
PPG INDUSTRIES OHIO INC. Patents By Year of Grant:	96	96
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES Patents By Year of Grant:	96	96
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Patents By Year of Grant:	96	96
NOVARTIS AG (FORMERLY SANDOZ LTD.) Patents By Year of Grant:	95	95
SEIKO INSTRUMENTS INC. Patents By Year of Grant:	95	95
DELPHI TECHNOLOGIES, INC. Patents By Year of Grant:	94	94
DELL USA, L.P. Patents By Year of Grant:	93	93
DIGITAL EQUIPMENT CORPORATION Patents By Year of Grant:	92	92
COLGATE-PALMOLIVE COMPANY Patents By Year of Grant:	91	91
MATSUSHITA ELECTRONICS CORPORATION Patents By Year of Grant:	90	90
UNIVERSITY OF TEXAS Patents By Year of Grant:	89	89
MANNESMANN SACHS AG Patents By Year of Grant:	87	87

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
INTERMEC IP CORP. Patents By Year of Grant:	86	86
mitsubishi chemical corporation Patents By Year of Grant:	86	86
APPLE COMPUTER, INC. Patents By Year of Grant:	85	85
CASIO COMPUTER CO. LTD. Patents By Year of Grant:	85	85
TRIMBLE NAVIGATION, LTD. Patents By Year of Grant:	85	85
SGS-THOMSON MICROELECTRONICS S.A. Patents By Year of Grant:	84	84
WARNER-LAMBERT COMPANY Patents By Year of Grant:	84	84
LEAR AUTOMOTIVE DEARBORN, INC. Patents By Year of Grant:	83	83
SANSHIN KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	83	83
BASF CORP. Patents By Year of Grant:	82	82
HOECHST AKTIENGESELLSCHAFT Patents By Year of Grant:	82	82
KAO KABUSHIKI KAISHA (KAO CORPORATION) Patents By Year of Grant:	82	82
SARNOFF CORPORATION & CO., LTD. Patents By Year of Grant:	80	80
SHIMANO INC. Patents By Year of Grant:	80	80
CHARTERED SEMICONDUCTOR MANUFACTURING PTE LTD Patents By Year of Grant:	79	79
VICTOR COMPANY OF JAPAN, LIMITED Patents By Year of Grant:	79	79
CASE CORPORATION Patents By Year of Grant:	78	78
GENENTECH, INC. Patents By Year of Grant:	78	78
LAM RESEARCH CORPORATION Patents By Year of Grant:	78	78
ROHM AND HAAS COMPANY Patents By Year of Grant:	78	78
BAXTER INTERNATIONAL INC. Patents By Year of Grant:	77	77
CITIZEN WATCH CO., LTD. Patents By Year of Grant:	77	77
MCDONNELL DOUGLAS CORP. Patents By Year of Grant:	77	77

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
MONSANTO COMPANY, INC. Patents By Year of Grant:	77	77
ORACLE CORPORATION Patents By Year of Grant:	77	77
STMICROELECTRONICS S.A. Patents By Year of Grant:	77	77
EMC CORPORATION Patents By Year of Grant:	76	76
PITNEY-BOWES, INC. Patents By Year of Grant:	76	76
SANDIA CORPORATION Patents By Year of Grant:	76	76
UNITED STATES OF AMERICA, AIR FORCE Patents By Year of Grant:	76	76
DOW CORNING CORPORATION Patents By Year of Grant:	75	75
EBARA CORPORATION, NIKKISO CO., LTD. Patents By Year of Grant:	75	75
ETHICON, INC. Patents By Year of Grant:	75	75
SOUTHPAC TRUST INTERNATIONAL, INC. Patents By Year of Grant:	75	75
TETRA LAVAL HOLDINGS & FINANCE S.A. Patents By Year of Grant:	75	75
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Patents By Year of Grant:	74	74
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Patents By Year of Grant:	74	74
SMITHKLINE BEECHAM PLC Patents By Year of Grant:	74	74
BLACK & DECKER INC. Patents By Year of Grant:	73	73
FMC CORPORATION Patents By Year of Grant:	73	73
MCI COMMUNICATIONS CORP. Patents By Year of Grant:	73	73
FUJI ELECTRIC CO., LTD. Patents By Year of Grant:	72	72
LITTON SYSTEMS INC. Patents By Year of Grant:	72	72
NESTEC, S.A. Patents By Year of Grant:	72	72
SUMITOMO RUBBER INDUSTRIES, LTD. Patents By Year of Grant:	71	71
ADVANTEST CORP. Patents By Year of Grant:	70	70

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY Patents By Year of Grant:	70	70
BRITISH TELECOMMUNICATION, PLC Patents By Year of Grant:	70	70
DSM N.V. Patents By Year of Grant:	70	70
JOHNS HOPKINS UNIVERSITY Patents By Year of Grant:	70	70
MOBIL OIL CORP. Patents By Year of Grant:	70	70
NIPPON SHOKUBAI CO., LTD. Patents By Year of Grant:	70	70
NORTHERN TELECOM LIMITED Patents By Year of Grant:	70	70
NSK LIMITED Patents By Year of Grant:	70	70
TAKEDA CHEMICAL INDUSTRIES LTD. Patents By Year of Grant:	70	70
TORAY INDUSTRIES INC. Patents By Year of Grant:	70	70
ASAHI KASEI KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	69	69
CLARIANT GMBH Patents By Year of Grant:	69	69
DEERE + COMPANY Patents By Year of Grant:	69	69
KOMATSU LTD. Patents By Year of Grant:	69	69
SGS-THOMSON MICROELECTRONICS S.R.L. Patents By Year of Grant:	69	69
SMS SCHLOEMANN-SIEMAG AG Patents By Year of Grant:	69	69
UNIVERSITY OF MICHIGAN Patents By Year of Grant:	69	69
CONEXANT SYSTEMS, INC. Patents By Year of Grant:	68	68
HENKEL CORPORATION Patents By Year of Grant:	68	68
MANNESMANN AG Patents By Year of Grant:	68	68
SILICON GRAPHICS, INC. Patents By Year of Grant:	68	68
UNITED SEMICONDUCTOR CORP. Patents By Year of Grant:	68	68
NIPPON TELEGRAPH & TELEPHONE CORP. Patents By Year of Grant:	67	67

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
SAMSUNG DISPLAY DEVICES CO., LTD. Patents By Year of Grant:	67	67
ALCATEL USA SOURCING, L.P. Patents By Year of Grant:	66	66
AMERICAN CYANAMID COMPANY Patents By Year of Grant:	66	66
MOSEL VITELIC, INCORPORATED Patents By Year of Grant:	66	66
BREED AUTOMOTIVE TECHNOLOGY, INC. Patents By Year of Grant:	65	65
ELF ATOCHEM S.A. Patents By Year of Grant:	65	65
EMERSON ELECTRIC CO. Patents By Year of Grant:	65	65
NATIONAL SCIENCE COUNCIL Patents By Year of Grant:	65	65
SANDVIK AKTIEBOLAG Patents By Year of Grant:	65	65
AKTIEBOLAGET ASTRA Patents By Year of Grant:	64	64
BERG TECHNOLOGY, INC. Patents By Year of Grant:	64	64
CHIRON CORPORATION Patents By Year of Grant:	64	64
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V. Patents By Year of Grant:	64	64
WISCONSIN ALUMNI RESEARCH FOUNDATION Patents By Year of Grant:	64	64
ASEA BROWN BOVERI AKTIENGESELLSCHAFT Patents By Year of Grant:	63	63
HARRIS CORP. Patents By Year of Grant:	63	63
MAZDA MOTOR CORPORATION Patents By Year of Grant:	63	63
UNISIA JECS CORPORATION Patents By Year of Grant:	63	63
VOITH SULZER PAPIERMASCHINEN GMBH Patents By Year of Grant:	63	63
CARDIAC PACEMAKERS, INC. Patents By Year of Grant:	62	62
COMMISSARIAT A L'ENERGIE ATOMIQUE Patents By Year of Grant:	62	62
AVERY DENNISON CORPORATION Patents By Year of Grant:	61	61
CUMMINS ENGINE CO., INC. Patents By Year of Grant:	61	61

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
G. D. SEARLE & CO. Patents By Year of Grant:	61	61
HOFFMANN-LA ROCHE INC. Patents By Year of Grant:	61	61
KOITO MANUFACTURING COMPANY LIMITED Patents By Year of Grant:	61	61
SCHERING AKTIENGESELLSCHAFT Patents By Year of Grant:	61	61
WORLDWIDE SEMICONDUCTOR MANUFACTURING CORPORATION Patents By Year of Grant:	61	61
DAIKIN INDUSTRIES LIMITED Patents By Year of Grant:	60	60
HILTI AKTIENGESELLSCHAFT Patents By Year of Grant:	60	60
HYUNDAI MOTOR CO., LTD. Patents By Year of Grant:	60	60
KAWASAKI STEEL CORPORATION Patents By Year of Grant:	60	60
MATSUSHITA ELECTRIC WORKS, LTD. Patents By Year of Grant:	60	60
HUBBELL INCORPORATED Patents By Year of Grant:	59	59
SEAGATE TECHNOLOGY, LLC Patents By Year of Grant:	59	59
ADAPTEC, INC. Patents By Year of Grant:	58	58
DEGUSSA-HUELS AKTIENGESELLSCHAFT Patents By Year of Grant:	58	58
LEAR CORPORATION Patents By Year of Grant:	58	58
TEKTRONIX INC. Patents By Year of Grant:	58	58
TEXAS INSTRUMENTS - ACER INCORPORATED Patents By Year of Grant:	58	58
UNIVERSITY OF WASHINGTON Patents By Year of Grant:	58	58
ACUSON CORPORATION Patents By Year of Grant:	57	57
GENERAL HOSPITAL CORPORATION Patents By Year of Grant:	57	57
HONEYWELL INTERNATIONAL INC. Patents By Year of Grant:	57	57
TOYODA GOSEI KABUSHIKI KAISHA Patents By Year of Grant:	57	57
WESTINGHOUSE AIR BRAKE COMPANY Patents By Year of Grant:	57	57

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
BRUNSWICK CORPORATION		
Patents By Year of Grant:	56	56
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN(HENKEL KGAA)		
Patents By Year of Grant:	56	56
NIPPON STEEL CORP.		
Patents By Year of Grant:	56	56
NITTO DENKO CORPORATION		
Patents By Year of Grant:	56	56
PRAXAIR TECHNOLOGY, INC.		
Patents By Year of Grant:	56	56
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY		
Patents By Year of Grant:	56	56
IOMEGA CORPORATION		
Patents By Year of Grant:	55	55
STORAGE TECHNOLOGY CORPORATION		
Patents By Year of Grant:	55	55
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE		
Patents By Year of Grant:	55	55
ADVANCED CARDIOVASCULAR SYSTEMS, INC.		
Patents By Year of Grant:	54	54
ANALOG DEVICES, INC.		
Patents By Year of Grant:	54	54
NGK SPARK PLUG CO., LTD.		
Patents By Year of Grant:	54	54
SUMITOMO METAL INDUSTRIES CO., LTD.		
Patents By Year of Grant:	54	54
ASAHI GLASS COMPANY, LTD.		
Patents By Year of Grant:	53	53
CANDESCENT TECHNOLOGIES CORPORATION		
Patents By Year of Grant:	53	53
DAICEL CHEMICAL INDUSTRIES LTD.		
Patents By Year of Grant:	53	53
MANNESMANN VDO AG		
Patents By Year of Grant:	53	53
OWENS-CORNING FIBERGLAS CORPORATION		
Patents By Year of Grant:	53	53
PICKER INTERNATIONAL, INC.		
Patents By Year of Grant:	53	53
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK		
Patents By Year of Grant:	52	52
SCHERING CORP.		
Patents By Year of Grant:	52	52
COLUMBIA UNIVERSITY		
Patents By Year of Grant:	51	51
GLAXO WELLCOME INC.		
Patents By Year of Grant:	51	51

Organizational Patenting (Granted: Jan 01, 2000 - Dec 31, 2000)  
 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
SHOWA DENKO KABUSHIKI KAISHA Patents By Year of Grant:	51	51
DELCO ELECTRONICS CORPORATION Patents By Year of Grant:	50	50
EXEDY CORPORATION Patents By Year of Grant:	50	50
KYOCERA CORPORATION Patents By Year of Grant:	50	50
MILLENNIUM PHARMACEUTICALS, INC. Patents By Year of Grant:	50	50
MINNESOTA MINING AND MANUFACTURING COMPANY Patents By Year of Grant:	50	50
OKIDATA CORPORATION Patents By Year of Grant:	50	50
SANDEN CORPORATION Patents By Year of Grant:	50	50
SUZUKI MOTOR CORPORATION Patents By Year of Grant:	50	50
UNIVERSITY OF FLORIDA BOARD OF REGENTS Patents By Year of Grant:	50	50
CORNELL RESEARCH FOUNDATION INC. Patents By Year of Grant:	49	49
HUELS AKTIENGESELLSCHAFT Patents By Year of Grant:	49	49
KABUSHIKI KAISHA TOPCON Patents By Year of Grant:	49	49
KOBE STEEL LTD. Patents By Year of Grant:	49	49
TRW OCCUPANT RESTRAINT SYSTEMS GMBH Patents By Year of Grant:	49	49
BOSTON SCIENTIFIC CORPORATION Patents By Year of Grant:	48	48
BP AMOCO CORPORATION Patents By Year of Grant:	48	48
VALMET CORP. Patents By Year of Grant:	48	48
AISIN AW CO., LTD. Patents By Year of Grant:	47	47
HUMAN GENOME SCIENCES, INC. Patents By Year of Grant:	47	47
RITTAL-WERK RUDOLF LOH GMBH & CO. KG. Patents By Year of Grant:	47	47
SYMBOL TECHNOLOGIES, INC. Patents By Year of Grant:	47	47
THOMSON-CSF Patents By Year of Grant:	47	47

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 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
ABB RESEARCH LTD. Patents By Year of Grant:	46	46
AJINOMOTO COMPANY INCORPORATED Patents By Year of Grant:	46	46
AMERICAN HOME PRODUCTS CORPORATION Patents By Year of Grant:	46	46
ENGELHARD CORPORATION Patents By Year of Grant:	46	46
EUROCOPTER FRANCE S.A. Patents By Year of Grant:	46	46
INTERSIL CORPORATION, INC. Patents By Year of Grant:	46	46
NTN CORPORATION Patents By Year of Grant:	46	46
QUANTUM CORP. (CA) Patents By Year of Grant:	46	46
TRW VEHICLE SAFETY SYSTEMS, INC. Patents By Year of Grant:	46	46
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION Patents By Year of Grant:	46	46
UNIVERSITY OF MINNESOTA, THE REGENTS OF Patents By Year of Grant:	46	46
FANUC LTD. Patents By Year of Grant:	45	45
LUCAS INDUSTRIES PUBLIC LTD. COMPANY Patents By Year of Grant:	45	45
NISSHINBO INDUSTRIES, INC. Patents By Year of Grant:	45	45
NOVELL, INC. Patents By Year of Grant:	45	45
OSRAM SYLVANIA INC. Patents By Year of Grant:	45	45
SHIN-ETSU HANDOTAI CO., LTD. Patents By Year of Grant:	45	45
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A." Patents By Year of Grant:	45	45
ANDO ELECTRIC CO., LTD. Patents By Year of Grant:	44	44
CABOT CORPORATION Patents By Year of Grant:	44	44
DONNELLY CORPORATION Patents By Year of Grant:	44	44
DRESSER INDUSTRIES, INC. Patents By Year of Grant:	44	44
KRAFT FOODS, INC. Patents By Year of Grant:	44	44

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<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
MITSUMI ELECTRIC CO., LTD. Patents By Year of Grant:	44	44
ALLERGAN SALES, INC. Patents By Year of Grant:	43	43
ARCH DEVELOPMENT CORP. Patents By Year of Grant:	43	43
BELL ATLANTIC NETWORK SERVICES, INC. Patents By Year of Grant:	43	43
BRIDGESTONE SPORTS CO., LTD. Patents By Year of Grant:	43	43
DEUTSCHE THOMSON-BRANDT GMBH Patents By Year of Grant:	43	43
FUJII JUKOGYO KABUSHIKI KAISHA Patents By Year of Grant:	43	43
INSTITUT PASTEUR Patents By Year of Grant:	43	43
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC. Patents By Year of Grant:	43	43
mitsubishi gas-chemical company, inc. Patents By Year of Grant:	43	43
ROLLS-ROYCE PLC Patents By Year of Grant:	43	43
TEIJIN LIMITED Patents By Year of Grant:	43	43
TEXACO INC. Patents By Year of Grant:	43	43
THOMSON LICENSING S.A. Patents By Year of Grant:	43	43
VOLKSWAGEN AKTIENGESELLSCHAFT Patents By Year of Grant:	43	43
WACKER-CHEMIE GMBH Patents By Year of Grant:	43	43
CHISSO CORPORATION Patents By Year of Grant:	42	42
EP TECHNOLOGIES, INC. Patents By Year of Grant:	42	42
INA WALZLAGER SCHAEFFLER OHG Patents By Year of Grant:	42	42
INFINEON TECHNOLOGIES AG Patents By Year of Grant:	42	42
MATTEL INC. Patents By Year of Grant:	42	42
MICHIGAN STATE UNIVERSITY Patents By Year of Grant:	42	42
OTIS ELEVATOR COMPANY Patents By Year of Grant:	42	42

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 Ranked List of Organizations with 40 or More Utility Patents, Number of Patents Received in CY2000

<u>ORGANIZATION</u>	<u>2000</u>	<u>TOTAL</u>
ROCHE DIAGNOSTICS GMBH Patents By Year of Grant:	42	42
ROCKEFELLER UNIVERSITY Patents By Year of Grant:	42	42
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC. Patents By Year of Grant:	42	42
SIEMENS WESTINGHOUSE POWER CORPORATION Patents By Year of Grant:	42	42
CABLETRON SYSTEMS, INC. Patents By Year of Grant:	41	41
IMATION CORP. Patents By Year of Grant:	41	41
KOYO SEIKO COMPANY, LTD. Patents By Year of Grant:	41	41
NALCO CHEMICAL COMPANY Patents By Year of Grant:	41	41
PHARMACIA & UPJOHN COMPANY Patents By Year of Grant:	41	41
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM Patents By Year of Grant:	41	41
WESTERN ATLAS INTERNATIONAL, INC. Patents By Year of Grant:	41	41
FURUKAWA ELECTRIC CO., LTD. Patents By Year of Grant:	40	40
HILL-ROM COMPANY, INC. Patents By Year of Grant:	40	40
IMPERIAL CHEMICAL INDUSTRIES PLC Patents By Year of Grant:	40	40
LOCKHEED MARTIN ENERGY RESEARCH CORPORATION Patents By Year of Grant:	40	40
MERCK SHARP & DOHME LIMITED Patents By Year of Grant:	40	40
STEELCASE DEVELOPMENT INC. Patents By Year of Grant:	40	40
THOMAS & BETTS INTERNATIONAL, INC. Patents By Year of Grant:	40	40
YKK CORPORATION Patents By Year of Grant:	40	40
Other Organizations (25377) Patents By Year of Grant:	64019	64019